

Saturday

09. September 2023

Welcome barbecue

Sunday

10. September 2023

Sightseeing tour Bayreuth

The Festival Opera House
Hermitage Old Palace
Maisel Brewery & catacombs

Monday

11. September 2023

09:00 a.m. **Welcome ceremony**

09:30 a.m. **Keynote Prof. Nutt**
University of Southern California

11:00 a.m. **Keynote W. Simpson**
Axiom Materials

01:30 p.m. **Lectures** (3 x 20 min.)

03:30 p.m. **Poster session**
for PhDs & Students

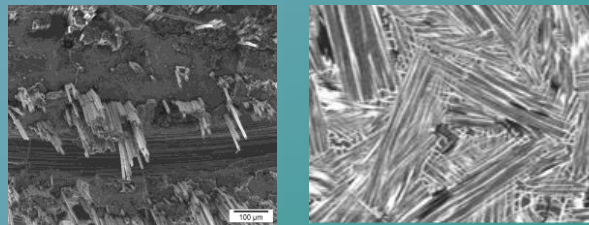
07:00 p.m. **Dinner & Networking**

Tuesday: Industrial Excursion

12. September 2023

10:00 a.m. Brembo SGL Carbon Ceramic Brakes
Meitingen
Keynote M. Demharter

14:00 p.m. MT Aerospace Augsburg



Fiber Pull-Out and Computed Tomographical image of CMC

Wednesday

13. September 2023

09:30 a.m. **Keynote Prof. Schafföner**
University of Bayreuth

11:00 a.m. **Keynote Prof. Koch**
University of Augsburg

01:30 p.m. **Fraunhofer HTL-Tour**

03:30 p.m. **Lectures** (3 x 20 min.)

07:00 p.m. **Summer School Dinner**

Thursday: Hands-on-Day

14. September 2023

09:00 a.m. **Fabrication of CMC**
Practical courses

01:30 p.m. **Evaluation of CMC**
Practical courses

07:00 p.m. **Dinner & Networking**



OFC Components

Friday

15. September 2023

09:00 a.m. **Keynote Dr. Kang Lee**
NASA

11:00 a.m. **Keynote Dr. Florian Reichert**
Schunk Carbon Technology

01:30 p.m. **Wrap up & Panel discussion**

03:00 p.m. **Examination & Quiz competition**

04:00 p.m. **Farewell Barbecue**

Based on the competences of the industrial partners and the universities, knowledge gaps will be closed, and new topics highlighted.

The aim of this Summer School is to bring the participants up to date with the latest international research on CMC.

Particularly noteworthy are the participants from the U.S. industry (Axiom Materials and NASA), who will give the unique opportunity to make direct contact or network with the world's leading experts on CMC.

Lectures by the experts will be offered face-to-face and additionally online. During the poster session PhDs and students can address their topics. On site, there will be the opportunity, to see the manufacture and testing of ceramic matrix composites and to gain experience in the laboratory and on high-temperature equipment.

The highlight is a planned excursion to MT Aerospace and MTU Aero Engines.

At the end of the course, participants will receive a certificate of participation.

Are you interested?

Registration: cme@uni-bayreuth.de

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Wolfgang Hillen Summer School 2023

Date:
09/09/2023 – 09/15/2023

Location:
University of Bayreuth
Chair of Ceramic Materials Engineering
Prof.-Rüdiger-Bormann-Str. 1
95447 Bayreuth
Germany